

ZACH, Alfred

"Hungary's climate" by Nandor Bacso. Reviewed by Alfred Zach. Elet tud 15 no.13:359 20 Mr '60.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred

Why is the temperature not the warmest in Hungary when the
sunbeams fall most perpendicularly? Elet tud 15 no.23:706
5 Je '60.

1. Orszagos Meteorologiai Intezet helyettes igazgatoja,
es "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

An extraordinary summer. Elet tud 15 no.33:1047-1049 14 Ag
'60.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

TAKACS, Lajos; ZACH, Alfred

Correlation between the hour values of cloudiness and sunshine.
Idojaras 64 no.1:21-27 Ja-F '60. (EEAI 10:1)
(Sunshine) (Clouds)

ZACH, Alfred, dr.

Why was the winter late? Elet tud 16 no.4:104-106 22 Ja '61.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

What is the difference between shower-like rainfall and shower-like snowfall? Elet tud 16 no.5:130 29 Ja '61.

1. Országos Meteorológiai Intézet helyettes igazgatója, és
"Elet és Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

What is the difference between brash and alest? Elet tud 16
no.7:198 12 F '61.

1. Országos Meteorológiai Intézet helyettes igazgatója, és
"Elet és Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

Does the arrival of the western humid air into Hungary necessarily mean precipitation? *Elet tud* 16 no.11:339 12 Mr '61.

1. Orszagos Meteorologiai Intezet helyettes igazgatoja,
es "*Elet es Tudomany*" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

An extraditionary spring. Elet tud 16 no.17:532-533 23 Ap '61.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Which is the more correct expression : freezing point of melting point?
Elet tud 16 no.40:1250 1 0 '61.

1. Orszagos Meterologiai Intezet helyettes igazgatoja, es "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

What is an air pocket? Elet tud 16 no.40:1269 1 0 '61.

1. Orszagos Meteorologiai Intezet helyettes igazgatoja, es "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Summer in September. Elet tud 16 no.42:1333-1334 15 0 '61.

1. Meteorologiai Intezet helyettes igazgatója, és "Elet és Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

What is a green ray? Elet tud 16 no.45:1410-5 II '61.

1. Országos Meteorológiai Intézet helyettes igazgatója, és
"Elet és Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

Is it true that the plentiful dew formation forecasts good weather conditions? Elet tud 16 no.45:1414 5 N '61.

1. Országos Meteorológiai Intézet helyettes igazgatója, és "Elet és Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

What is the yearly amount of precipitation on earth? Els: tud 16
no.48:1530 26 N '61.

1. Országos Meteorológiai Intézet igazgatóhelyettese, és "Élet és
Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

The "murderous Carla" and other hurricanes. Elet tud 16 no.40:1272-
1274 1 0 '61.

1. Országos Meteorológiai Intézet helyettes igazgatója, és "Elet és Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

Which is the subject of astrology? Elet tud 16 no.44:1402
29 0 '61.

1. Országos Meteorológiai Intézet igazgatóhelyettese, és
"Elet és Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

The 1961 drought. Term tud kozl 6 no.1:22-24 Ja '62.

1. Orszagos Meteorologiai Intezet igazgatohelyettese, Budapest.

(Hungary—Droughts)

ZACH, Alfred, dr.

"Meteorological events and elementary cataclysms in Hungary
up to 1700" by Antal Rethly. Reviewed by Dr. Alfred Zach.
Term tud kozl 6 no.10:475-476 0 '62.

ZACH, Alfred, dr.

The summer winter. Elet tud 17 no. 14:440-442. Ap '62

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

The halo-phenomenon in Hungary. Elet tud 17 no. 15:459 - Ap '62.

1. Orszagos Meteorologiai Intezet helyettes igazgatoja, es "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Can we create artificial polar lights? Elet tud 17 no.21:642
My '62.

1. Orazagos Meteorologiai Intezet helyettes igazgatoja.

ZACH, Alfred, dr.

What a weather! Elet tud 17 no.33:1031-1033 19 Ag '62.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

"Meteorological events and cataclysms in Hungary up to 1700"
by Antal Rathly. Reviewed by Dr. Alfred Zach. Elet tud 17
no.38:1206-23 S '62.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Extraordinary drought. Elet tud 17 no.44:1401-1402 4 II '62.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Why is it necessary to construct snow grids along highways and railroad lines? Elet tud 17 no.52:1645 30 D '62.

1. Orszagos Meteorologiai Intezet helyettes igazgatoja, es "Elet es Tudemany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

What is ozone sound and what is measured with it? Elet tud 18
no.4:122 27 Ja '63.

J. Országos Meteorológiai Intézet helyettes igazgatója; "Elet és
Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, a földrajzi tudományok kandidátusa

The 2d Carpathian Meteorological Conference. Magyar tud 69 no.1:
47-48 Ja '62.

1. Igazgató helyettes, Országos Meteorológiai Intézet, Budapest

ZACH, Alfred (Budapest)

Meteorological conference at Liblice. Idojaras 68 no.5:31'

S-O '64.

ZACH, Alfred, dr.

Weather conditions in Hungary in May 1960. Term tud kozl
4 no.7:336 JI '60.

ZACH, Alfred, dr.

A hot July. Elet tud 19 no.35:1679 28 Ag '64.

1. Editorial board member, "Elet es Tudomany", Budapest.

ZACH, Alfred, dr., meteorologist

Why is there a big difference between the night and day temperatures
in the Sahara Desert? Elet tud 19 no.31:1476 31 J1 '64.

Humid, stormy weather in June. Ibid.:1487

1. Editorial board member, "Elet es Tudomány", Budapest.

ZACH, Alfred, dr.

International Meteorological Day. Elet tud 19 no.13:623 27 Mr '64.

1. Editorial board member, "Elet es Tudomány."

ZACH, Alfred, dr.

Severe winter in March. Elet tud 19 no.17:815 24 Ap '64.

1. Editorial board member, "Elet es Tudomány", Budapest.

ZACH, Alfred, dr.

Weather conditions in Hungary in September 1960. Term
tud kozl 4 no. 11: 528 N '60.

ZACH, Alfred, dr.

Weather conditions in Hungary in October 1960. Term
tud kozl 4 no. 12:576 D '60.

ZACH, Alfred, dr.

Changeable weather in February. Elet. tud 19 no.12:575 20 Mr '64.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Cold December and January. Elet tud 19 no. 7:385 14 F '64.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Waterspout on the Lake of Balaton on July 11, 1963. Term tud
koal 7 no.8:376-377 Ag '63.

ZACH, Alfred, dr.

What does squall line mean? Elet tud 19 no,10:466 6 Mr 14.

1. Orszagos Meteorologiai Intezet helyettes igazgatoja;
"Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Can thunderstorms develop in Hungary during wintertime?
Elet tud 19 no.1:39 3 Ja '64.

1. Orszagos Meteorologiai Intezet helyettes igazgatoja:
"Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Halo phenomena : ornaments in the sky. Elet tud 18 no.41:
1288-1290 13 0 '63.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

Droughts. Elet tud 18 no.28:871-873 14 JI '63.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ZACH, Alfred, dr.

What is the highest speed of winds measured up to now? Elst
tud 18 no.26:822 30 Jo '63.

1. Országos Meteorológiai Intézet helyettes igazgatója;
"Elst es Tudomány" szerkesztő bizottsági tagja.

ZACH, Alfred, dr.

On the frequency of severe winters. Tern tud kozl 7 no.6:
279-280 Jo '63.

ZACH, Alfred, dr.

What is the difference between macro and microprecipitation?
Elet tud 16 no.37:1166 10 S '61.

1. Országos Meteorológiai Intézet helyettes igazgatója, és
"Elet és Tudomány" szerkesztő bizottsági tagja.

Z/CH, Alfred, dr.

Rainfall. Elet tud 19 no.47:225. 20 B '64.

1. Editorial board member, "Elet es Tudomany", Budapest.

ZACH, Alfred, dr. (Budapest)

Visibility measurement. Elet tud 20 no.14:666 9 Ap '65.

1. Editorial Board Member, "Elet es Tudomany."

ZACH, Alfred, dr.

An extremely changeable weather in December. -- Elet tud 20
no.4:3 of cover 29 Ja '65.

1. Editorial Board Member, "Elet es Tudomány."

Zach Bohuslav

Electrometric apparatus for ascertaining water content in soil. Jan Halada and Bohuslav Zach (Zkušební ústav zemědělského inženýrství, Prague, Czech. I. Společ. Českoslo. Akad. věd, Vyd. 27A, 107-12 (1964)). A simple app. (1) constructed on the principle of the elec. current coil changes is described. Instead of oscillators (buzzer or electronic type), a vibration changer is used. The cond. changes are read on a circular scale of the measuring potentiometer after the compensation of the zero position of the galvanometer. It is built to a great sensitivity (10^{-4} to 10^{-5} A) and is also suitable for lab. measurements of all small-capacity electrolytic resistances. Jan Mikeš

2441, BOHUSLAV

CZECHOSLOVAKIA

UDC 614.715(541.1822-073.277.2

VONDRACEK, Vladimir; RIHA, Jiri; GABARDEN, Vladimir; ZACH, Bohuslav; Station of Hygiene of the Town Council (Hygienicka Stanice NV), Prague, Director (Reditelka) Dr V. KRASNA.

"Instruments for Measurement of Aerosol Concentrations Used in the Control of Hygiene in Prague."

Prague, Pracovni Lekarstvi, Vol 18, No 10, Dec 66, pp 442-444

Abstract /Authors' English summary modified/: An instrument designed by the authors is described; it is based on particle filtration by a membrane filter. Light transparency of the filter is recorded. The accumulation of the particles on the membrane influences the amount of light passing through it. The accumulation is proportional to the amount of particles contained in the atmosphere. Evaluation of the results is made by a gravimetric analysis. The recorded curve is used for the determination of the relative amounts of aerosols in the air during the investigated period of time. The instrument has an accuracy of + 5%.
3 Figures, no references. (Manuscript received 6 Nov 65).

ZACH, Ferenc

A new remotely-controlled hygrometer with direct reading.
Magy textil 14 no.4:182-184 Ap '62

ZACH, M., inz.; MIKES, K., inz.

Basic mechanization trends in soil preparing and fertilizing.
Zemedel tech 9 no.3:177-184 Je '63.

1. Vyzkumny ustav zemedelske techniky, Repry u Prahy.

ZACH, Milos, inz.; KLOUDA, Rudolf

Measurement of some magnetic quantities. Sbor vak elektrotech
3:95-105 '61.

ZACH, Milos, ins.; KLOUDA, Rudolf

Permanent magnetic circuits of magnetrons. Sbor vak elektrotech
3:74-94 '61.

ZACEK, Z.

Multipurpose mobile transformer JS 125/R. Elektrotechnik
19 no. 3:89 Mr '64.

1. Elektrokov, Znojmo.

2488

ZACHA (V.). *Puccinia carthami* Vda.—on Moravia found new found disease of Safflower (*Carthamus tinctorius*). [*Puccinia carthami* Vda.—a hitherto unknown disease of Safflower (*Carthamus tinctorius*) in Moravia.]—*Ochr. Roz.*, 21, 1-2, pp. 50-51, 1948. [Latin summary. Received July, 1950.]

In October 1948 safflower plants at the State Breeding Station, Horní Moštěnice, near Píseck, were severely affected by *Puccinia carthami* [*R.A.M.*, 29, p. 172]. This is the first record of the rust in Moravia (Czechoslovakia).

P. 117

ZACHA [V.]. Zafimavá choroba na Pšenici. [An interesting Wheat disease.]—
Ochr. Ros., 22, 5-6, p. 257, 1949.

In 1949 the ears of winter wheats in several fields in Czechoslovakia were affected by *Macrophoma leucobergii* [*Septoria nodorum*: R.A.M., 7, p. 629; 28, p. 619]. The fungus often occurred in association with species of *Fusarium* and *Kryriphe graminis* [ibid., 11, p. 157], causing some damage. The spores of *S. nodorum* were considerably larger than those originally described, measuring 20 to 27 by 2 to 3 μ . [In an editorial note it is stated that the fungus was widespread in wheat fields in the vicinity of Prague, the spore measurements agreeing with Zacha's. The unsettled weather conditions with great differences in temperatures were probably especially favourable to the development of the pathogen.]

84874

ZACHA IV. J. Prehlišaná choroba Meruněk. (An overlooked disease of Apricots.)—
Orchr. Rost., 22, 8-8, p. 258, 1949.

In July, 1949, the author received a sample of diseased, ripe apricot fruits with curky skins from the Znojmo district, Czechoslovakia. On the surface were small, greyish spots (1 to 5 mm. in diameter), which sometimes coalesced, and the tissue underneath dried and fell out. Here and there on the lesions were black pyrenidia, with abundant, hyaline, unicellular spores, measuring approximately 3 by 1 μ . The description agrees with that of *Phoma armeniaca*. It appears that the disease is widespread, although it is usually attributed to physiological causes.

24/77

ZACHA [V.J.] *Šedivost slupky u Bramborů. (Silvery skin of Potatoes.)—Ochr. Rost.*, 22, 5-6, p. 258, 1949.

A considerable number of potatoes harvested in 1948 in Czechoslovakia was affected with the so-called silvery skin (silver scurf) caused by the fungus *Spondyli- cadium atrocinere* [R.A.M., 29, p. 113]. The author recommends that more attention be paid to this disease, as it is frequently overlooked.

R4R7

Zachva (V.). Požadavky k infekci Pseudomonas a Penicillium. [Notes on the infection of Wheat grains with Penicillium.]—Cech. Roz., 23, 2, pp. 165-166, 1960. [English summary.]

In the autumn of 1948 the Institute of Agricultural Phytopathology, Brno, Czechoslovakia, received a wheat grain sample (variety Novoborovská Niva),

originating from Třebíč district from the current harvest, which germinated poorly. It was found that 25 to 30 per cent. of the grains had brownish scutella, pointing to careless handling after threshing. In a test hardly 80 per cent. of the grains germinated and the majority of the ungerminated seed was infected with *Penicillium* sp. [R.A.M., 13, p. 640]. Infection occurs when the fungus penetrates the endosperm (through wounds caused by threshing) under favourable conditions of high temperature and humidity. Seed treatment with 1 per cent. wet germicide for 1 hour increased germination of the infected seed from 40 per cent. (untreated) to approximately 65 per cent.

ZACH, Vaclav, inz.; KRYSTUFEK, Jaroslav

Handling of materials in the heavy piece production. Podn org
18 no.8:353-355 Ag '64.

1. Research Institute of Machine Technology and Economy, Prague.

LACHA, V.

"Notes on the rot of stored apples caused by penicillium.", p. 276,
(SEBORNÍK, Vol. 24, #3/4, Oct. 1951, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of
Congress, August 1953, Uncl.

ZACHA, V., TALAFANTOVA, A.

"Influence of Weeds on Soil Moisture and Soil Structure." p. 387. (SBORNIK. ANNALS.
RADA A., Vol. 26, no. 5, Nov. 1953, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

COUNTRY : Czechoslovakia
SUBJECT : PLANT DISEASES, Diseases of Cultivated Plants.
ABS. JOUR: Bot. Zhurn.-Biologiya, No. 5, 1959, No. 20661
AUTHOR : Zacha, Vladimir
INST. : ~~Botanicheskii Institut~~
TITLE : Stem-End Rot (*Diplodia natalensis* Pole et
Evans) of the Orange.

ORIG. PUB.: Ceska mykol., 1958, 12, No.2, 116-120

ABSTRACT : No abstract

AD: 1/1

ZACHACZEWSKI, R.

ZACHACZEWSKI, R., OLCZAKOWSKI, W., "Research On The Use Of Mixtures Of Coal And Coke As
A Fuel In Central Heating. Biuletyn" p. 4. (Przegląd Gorniczy, Vol. 9, no. 3, Mar. 1953,
Katowice)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, February, 1954, 1953, Uncl.

MARSALA, Jozef; PLAVUCHOVA,, Olga; BADONIC, Tichomir; ZACHADIAS, Ladislav

Experimental analysis of the frontohypothalamic conjunction in
the dog (Canis familiaris). Biologia (Bratisl.) 20 1965: 1-4
'65.

1. Histologicko-embryologicky ustav Lekarske Fakulty University
P.J. Safarika, v Kosiciach.

ZACHAPZEWSKI, J.

ZACHAPZEWSKI, J. Introducing a new system of tolerance, fitting of parts, and smoothness of surface in the machine manufacturing industry. p. 442. Vol. 27, no. 11/12, Nov./Dec. 1954. MECHANIK. Wazawa Poland

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

ZACHAR, D., doc., inz., CSc.

Water conditions of eroded soils. Meteor zpravy 16 no.3/4:
74-76 Ag '63.

1. Vyskumny ustav lesneho hospodarstva VS, Zvolen.

ZACHAR, D.
206

I. int. Klin. SU az neuropsych. Klin. SU. Pokusy o intratekalne ovplyvnenie glykemie a ich klinicke hodnotenie Experiments on the intrathecal influencing of the blood sugar level and its clinical applications Bratislavske lekars. List. 1950, 30/4-5 (391-396) Graphs 2 Tables 1

Fifty-three patients were given 2 ml. of a 10% solution of glucose intrathecally (intracisternally) and the influence of the artificially produced glucorrhachia on the blood sugar level was studied. Only in 3 patients did a hypoglycaemia result. It is considered, in agreement with the work of the American authors Wielend, Brock-Kahn and Mirsky, that this quantity of glucose, administered intrathecally, has no definite hypoglycaemic action and is therefore of no value as a test of function of the diencephalon.
Zeman - Piestany (VI, 8)

SO: EXCERPTA MEDICA, Vol. 5, No. 1, Sec. VIII, Jan. 1952

ZACHAR, D.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Okres Institute of Public Health (OUNZ: Okresni ustav
Affiliation: narodneho zdravia) Nitra

Source: Bratislava, Lekarsky Obzor, Vol X, No 8, 1961; pp 469-474

Data: "Case of Dawson's Encephalitis"

✓ ZACHAR, D.; Head (prednosta) Neurologic Department (Neurologické oddelení)

✓ DORNETZHUBER, Head (prednosta) Department of Pathology-Anatomy (Patologicko
anatomicke oddelení)

ZACHAR, Lusan

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: Docent, Engr, C.SC.

Affiliation: VULH /Vyskumny ustav lesneho hospodarstva; Forest Management
Research Institute/, Zvolen.

Source: Bratislava, Nasa Veda, Vol VIII, No 4, 1961, pages 229-232.

Data: "Aforestation and Research."

ZACHAR, Dusan, doc. inz. CSc.

Problems of the research on afforestation of desert soils in
arid regions. Les cas 11 no.1:85-88 Ja '65.

1. Research Institute of Forestry, Zvolen.

MEZES, V.; ZACHAR, F.; KRAJCIOVA, V.

Structure and metabolism of lipoproteins isolated from the brains of guinea pigs with starch electrophoresis. Bratisl. lek. listy 45 no.5:257-264 15 Mr '65

1. Katedra biochemie Lekarske fakulty Univerzity Komenskeho v Bratislave (veduci doc. MUDr. T. Tursky, CSc.).

ZACHAR, J. ; ZACHAROVA, D.

"Mechanical energy as an agent causing a spreading depression." p. 189.

CESKOSLOVENSKA FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 3, May 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

ZACHAR, J.; ZACHAROVA, D.

On inducing spreading depression by summation of subliminal stimuli. Cesk. fysiол. 8 no.5:444 8 '59

1. Ustav experimentalnej mediciny SAV, Bratislava.
(CEREBRAL CORTEX physiол.)

ZACHAR, J.; ZACHAROVA, D.

On inducing spreading depression by summation of subliminal stimuli. Cesk. fysiол. 8 no.5:444 B '59

1. Ustav experimentalnej mediciny SAV, Bratislava.
(CEREBRAL CORTEX physiол.)

ZACHAROVA, D.

Effect of strychnine on the excitation and inhibition of the nerve fiber. Cesk. fysiол. 8 no.5:445 8 '59

1. Ustav experimentálneho medicíny SAV, Bratislava.
(NERVOUS SYSTEM, pharmacol.)
(STRYCHNINE, pharmacol.)

ZACHAR, J. ; ZACHAROVA, D.

"Mechanism of the origin of a spreading depression." p. 190.

CESKOSLOVENSKA FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 3, May 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

ZACHAR, J. ; RUSCAK, M.

"Metabolism of the brain during a spreading depression." p. 191.

ČESKOSLOVENSKÁ FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 3, May 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

ZACHAR, D.

ZACHAR, D. OIGANEK, I.

Komplikacie elektroschovej liecby. [Complications in electroshock therapy] Bratisl. lek, listy 30:4-5 Apr-May 50 p. 453-8

1. Of the Neurological and Psychiatric Clinic in Bratislava.

ZACHAR, D.

BARDOS, V.; BALAT, F.; BREZINA, R.; KMETT, E.; KRALIKOVA, D.; LIBIKOVA, H.;
MACICKA, O.; MANICOVA, E.; NOSEK, J.; ROSICKY, B.; SIMKOVA, A.;
SOMODSKA, V.; ZACHAR, D.

Survey of the natural foci of infections in one district of
Slovakia. Bratisl. lek. listy 34 no.10-11:1195-1237 Oct-Nov 54.

1. Z Virologickeho ustavu CSAV, riaditel akademik D.Blaskovic.
Z Ustavu epidemiologie a mikrobiologie v Bratislave, riaditel dr.
J.Karolcek. Z Neurologickeho oddeleni nemocnice v N., primar dr.
D.Zachar. Z Infekcneho oddelenia nemocnice v N., primar dr.
E.Manicova. Z Biologickeho ustavu CSAV v Prahe, riaditel akademik
I.Malek. Z Laboratoria pre stavovce CSAV v Brne, veduci prof.
J.Kratochvil. Z Hygienickeho ustavu LSFU v Bratislave, prednosta
akademik V.Mucha.

(ENCEPHALITIS, EPIDEMIC, epidemiology
in Czech, natural foci in Slovakia)

(LEPTOSPIROSIS, epidemiology
in Czech, natural foci in Slovakia)

(RICKETTSIAL DISEASES, epidemiology
in Czech, natural foci in Slovakia)

ZACHAR, Dusan, doc. inz. CSc.

National conference on afforestation in Piestany. Les cas
10 no. 3:221-230 Mr '64.

Evaluation of the research on afforestation of waste lands in
the Periska area. Ibid.:231-246

1. Research Institute of Forestry, Banska Stiavnica.

ZACHAR, DUSAN.

Lesne melioracie. Praha, Statni pedagogicke nakl.,
1954. 199 p. (Ucebni texty vysokych skol)

SOURCES: EEAL LC Vol. 5 No. 10 Oct. 1956

ZACHAR, DUSAN

Krycie polne kultury a ich pouzitie pri zakladani lesnych porastov. Bratislava, Slovenska akademia vied, 1956. 130 P. (Soiling crops and their use in stand improvement. German summary) DA Not in DLC

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

ZACHAR, D.

Influence of water erosion on soils. p. 324.

LEZNICKY CASOPIS. Bratislava, Czechoslovakia. Vol. 5, no. 5, 1959.

Monthly list of East European Accessions (EEAI) LC. Vol. 9, no. 1, January 1960.

Uncl.

ZACHAR, F.; MEZES, V.

Electrophoresis of brain proteins in starch gel. Cas.lek. cesk.
103 no.15:403-406 10 Ap'64

1. Biochemicky ustav Lekarskej fakulty UK v Bratislave; pred-
nosta: doc.dr. T.Tursky, CSc.

*

CZECHOSLOVAKIA

Z. TOMORI [Affiliation not given] and J. ZACHAR [Bratislava]

"The International Physiological Sciences Congress in Leyden."

Prague, Ceskoslovenska Fysiologie, Vol 12, No 2, 1963; pp 153-156.

Abstract: Brief review of some of the papers presented on respiration, hypoxia and hyperoxia; muscle function and neuromuscular synapse; muscle membrane excitation and contraction relationships, contractile apparatus. Four papers were presented by Czech nationals.

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SERVIT, Zdenek, Doc. Dr; ZACHAR, J., MUDr

Automatic activity of the peripheral nerve as a medium of analysis
of the effect of anti-epileptic drugs. Cas.lek.cesk. 91 no.30:869-
873 25 July 52.

1. Z fysiologickeho oddeleni Ustred. ustavu biologickeho.

(NERVES, PERIPHERAL, effect of drugs on,

bromides, phenobarbital, & trimethyl azolidione, on
automatic funct)

(BROMIDES, effects,

on nerves, peripheral, automatic funct. changes).

(BARBITURATE, effects,

phenobarbital, on nerves, peripheral, automatic funct.
changes)

(ANTICONVULSANTS, effects,

trimethyl azolidione, on nerves, peripheral, automatic
funct. changes)

ZACHAR, J.

Evolution of side parabolic changes of irritability. Cesk.
fysiol. 4 no.1:35-44 28 Feb 55.

1. Fysiologicky ustav Cs. akademie ved, Praha.
(CENTRAL NERVOUS SYSTEM, physiology,
parabiosis, side changes of irritability)

ZACHAR, J.

Evolution of side parabolic modification of irritability. Chkh.
fiziol. 4 no.1:77-85 1955.

1. Fiziologicheski institut CHSAR, Praga.
(NERVOUS SYSTEM, physiology:
parabiosis, develop.)

ZACHAR, J.

Mechanism of side parabolic changes of irritability.
Cesk. fysiол. 4 no.2:156-162 May 55.

1. Fysiologicky ustav Cs. akademie ved, Praha.
(NERVOUS SYSTEM, physiology,
parabolic changes of irritability)

ZACHAR, J.

Modifications of active potential in the site of parabiosis
and in the adjacent areas. Cesk. fysiolo. 4 no.3:285-292 1955.

1. Fysiologicky ustav CSAV, Praha.

(NERVOUS SYSTEM, physiology,

active potential in site of parabiosis & in
adjacent areas)

ZACHAR, J.

Method of electrophysiologic registration of immobile forms
of neural signalization. Cesk. fysiол. 4 no.3:357-364 1955.

1. Fysiologicky ustav CSAV, Praha.

(NERVES, physiology

electrophysiol. registration of nerve funct.)

, ZACHAR, J.

Modification of electrical manifestation of wave of stimulation
in peri-electrotonus. Chekh. fiziol. 4 no.4:415-423 1955.

1. Fysiologicheskiy institut CHSAN, Praga.

(NERVES, physiology,

eff. of electrical stimulation on tonus of isolated
nerves.)

ZACHAR, J.

Modifications of the manifestation of irritation wave in
perielctrotonus. Cesk. fysiол. 4 no.4:445-454 22 Oct 55.

1. Fysiologicky ustav CSAV, Praha.

(NERVOUS SYSTEM, physiology.

electrotonus, modification of irritation wave in
peri-electrotonus in parabiosis)

ZACHAROVA, D.; ZACHAR, J.

The effect of potassium ions on crustacean single excitor and inhibitor nerve fibre. *Physiol. bohém.* 5:63-66 Suppl. 1956.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague, and Laboratory of Neurophysiology, Slovak Academy of Sciences, Bratislava.

(POTASSIUM, eff.

on single excitor & inhibitor nerve fiber in *Astacus fluviatilis*)

(CRUSTACEA

Astacus fluviatilis, single excitor & inhibitor nerve fiber, eff. of potassium)

(NERVES, effect of drugs on,

potassium ions on *Astacus fluviatilis* single excitor & inhibitor nerve fibers)

ZACHAR, J.

Modifications of slow potentials in the focus of parabiosis
and in its environment. Cesk. fysiол. 5 no.1:13-18 26 Mar 56.

1. Fysiologicky ustav CSAV, Praha.
(NERVOUS SYSTEM, physiology,
parabiosis, changes of potentials in & around parabiотic
foci (Cz))

ZACHAR, J.

One-stage stimulator for the study of basic parameters of irritability. Cesk. fysiол. 5 no.1:97-99 26 Mar 56.

1. Fysiologicky ustav Cs. akademie ved, Praha.

(NERVOUS SYSTEM, physiology,

irritability, one-stage stimulator for study of basic parameters (Cs))

ZACHAR, J.

Simple stimulators for the determination of basic parameters of irritability. Physiol. bohém. 5 no.1:111-113 1956.

1. Fysiologichesky institut Chekhoslovatsky Akad. nauk, Praga.
(NERVOUS SYSTEM, physiology,
irritability, stimulators for determ. of basic
parameters (Rus))